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EasyTouch® GU Blood Glucose/Uric Acid Dual-Function Monitoring System

User's Manual

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What is EasyTouch® GU system for?

- The self-testing EasyTouch® GU Blood Glucose/Uric Acid Dual-Function Monitoring System is designed for in vitro diagnostic use only (external use only). The system is for healthcare professionals and persons with diabetes or hyperuricemia to measure glucose and uric acid values in fresh capillary whole blood from finger stick quantitatively. Frequent monitoring of whole blood glucose and uric acid is an adjunct to the care of persons with diabetes and hyperuricemia. Simply apply a drop of blood to the test strip, the test result will be displayed on the screen after 6 seconds
- The EasyTouch® GU System is suitable for diabetes and hyperuricemia management at home or professional use.
- The EasyTouch® GU Meter can only be used with EasyTouch® Blood Glucose and Uric Acid Test Strips. The use of any other test strips may give incorrect results.
- Before using the products to test your blood glucose and uric acid levels, read all the instructions carefully. It includes all the information you need to know in order to get the accurate blood glucose and uric acid readings.
- Do not change your medical plan without doctor's approval. The EasyTouch® GU system should not be used for the diagnosis of diabetes and hyperuricemia or for the test of newborns.

Important Information

- Blood specimens containing ascorbic acid (Vitamin C) greater than 150mg/dL, Amiloride greater than 20mg/dL, acetaminophen greater than 8mg/dL, L-Dopa greater than 20 mg/dL, Dopamine greater than 20 mg/dL, Methyl-Dopa greater than 4 mg/dL, Galactose greater than 400 mg/dL, uric acid greater than 10.5 mg/dL and Xylose greater than 50 mg/dL may give inaccurate glucose results.
- Blood specimens containing ascorbic acid (Vitamin C) greater than 10 mg/dL, acetaminophen greater than 2 mg/dL, L-Dopa greater than 20 mg/dL, Dopamine greater than 5 mg/dL, Methyl-Dopa greater than 1.0 mg/dL, Cholesterol greater than 400 mg/dL, creatinine greater than 30 mg/dL, Diclofenac greater than 75 mg/dL,Amiloride greater than 20 mg/dL and ketoprofen greater than 500 inaccurate uric acid results.
- Cholesterol up to 500 mg/dL or triglycerides up to 3000 mg/dL do not significantly affect the glucose results. Grossly lipaemic patient samples have not been tested and are not recommended for testing glucose level with the EasyTouch® GU System.
- Hematocrit (percentage of red blood cells in your blood) below 30% or higher than 55% was found to cause a higher or lower reading, respectively. No significant effect on the reading was found for hematocrits in the blood sample between 30% and 55%.
- The monitoring system will not work properly at altitudes greater than 8,000 feet.
- The System is designed to use at temperatures between 57.2°F and 104°F (14°C and 40°C) and below 85% of relative humidity. If you use the system outside the proposed conditions, it can give false results.

- Be sure to store the test strips between 40°F and 86°F (4°C and 30°C) and avoid direct sunlight.
- Be sure to follow your local regulations for proper disposal of used test strips and lancets.
- Do not use this meter in a dry environment, especially if synthetic materials are present. Synthetic clothes, carpets, etc., may cause damaging static discharges in a dry environment.
- Do not use this meter near cellular or cordless telephones, walkie talkies, garage door openers, radio transmitters, or other electrical or electronical equipment that are sources of electromagnetic radiation, as these may interfere with the proper operation of the meter.

Items in the Package

- EasyTouch® GU Meter
- Puncturer (Lancing Device)
- Pouch
- Check strip
- EasyTouch® GU User's Manual
- Log book
- Lancets
- Two AAA Batteries

Items Need to be Purchased Separately

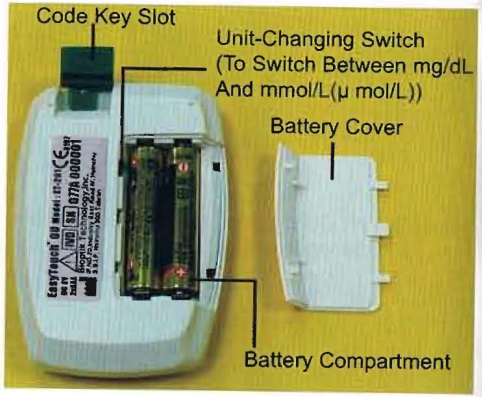
- EasyTouch® Blood Glucose and Uric Acid Test Strip(comes with a code key)

Glucose Strip

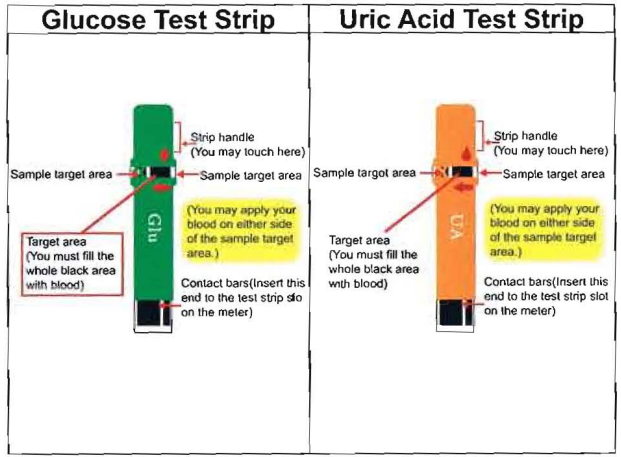
Uric Acid Strip

- EasyTouch® GU Glucose/Uric acid Control Solutions (normal).
  (3 ml for glucose and uric acid)

Getting to Know EasyTouch® GU Blood Glucose/ Uric Acid Dual-Function Monitoring System



EasyTouch® Blood Glucose/ Uric Acid Test Strips


Glucose Test Strip
Uric Acid Test Strip
Strip handle
(You may touch here)
Sample target area
Sample target area
(You may apply your blood on either side of the sample target area.)
Target area
(You must fill the whole black area with blood)
Contact bars(Insert this end to the test strip slo on the meter)
Glu
UA

Setting Up Your EasyTouch® GU Dual-Function Monitoring System

Setting Date and Time

NOTE:
When you install the batteries into the meter every time or replace the batteries, the meter will enter setting mode automatically. You can set correct time and date before you begin testing.

1. The meter will automatically enter the setting mode after you install the batteries.

2. The month will flash.

3. Press "S" button to obtain correct month.

4. Press "M" button to confirm up setting and shifts to the date setting.

5. Repeat the same steps to set the date, hour and minute.

6. When you finish setting, the meter will turn off automatically after 30 seconds.

Checking the Unit of Measurement

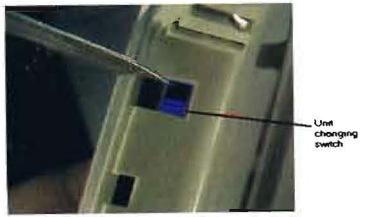
Before you get started...
EasyTouch® GU meter can measure your blood glucose in metric unit, mmol/L or milligrams per deciliter, mg/dL; EasyTouch® GU meter can measure your uric acid in metric unit, µmol/L or milligrams per deciliter, mg/dL. You should check this setting every time you put batteries into your meter.
Insure that unit changing switch is in the "down" position to read unit in mg/dL. In the "down" position, the switch has been pushed toward the middle of the battery compartment.

NOTE:
The unit of blood glucose test results displayed on the screen is either mg/dL or mmol/L, depending on which unit of measurement you have selected. The mmol/L results always include a decimal point; mg/dL results do not include a decimal point.
The unit of blood uric acid test result displayed on the screen is either mg/dL or µmol/L, depending on which unit of measurement you have selected. The mg/dL results always include a decimal point; µmol/L results do not include a decimal point.

Changing the Unit of Measurement

1. Slide battery cover off the back of the meter and remove batteries.

2. There is a unit-changing switch in battery compartment. Use a screwdriver to adjust the switch. If you push it up, the glucose unit changes from mg/dL to mmol/L and the uric acid unit changes from mg/dL to µmol/L. If you pull it down, the glucose and uric acid unit is mg/dL.



3. Insert batteries and slide battery cover back.

The Batteries Installation

NOTE:
Your meter comes with two AAA size batteries (1.5V).

1. Slide battery cover off from the back of the meter.
2. Insert two AAA size batteries (1.5V) into battery slot.

3. Slide battery cover back.

CAUTIONS:

◎**Make sure the "+" and "-" ends of the batteries match the marks in the battery compartment.**

◎Always replace both batteries at same time. Both batteries should be the same brand.

Using Check Strip to Check the Meter

You would need to use the check strip to check the meter when

- You use EasyTouch® GU monitoring system for the first time.
- You drop the meter.
- You think there is something wrong with the results you got and you want to check whether meter and test strips are working correctly or not.

1. Insert the check strip into the test strip slot on the meter.
2. The screen should display "OK". If "X" appears on the screen, remove the check strip and reinsert it. If "X" displays again, stop the test and call our customer support.

Control Check with Glucose/ Uric Acid Control Solutions

When to Run a Control Check with Glucose/ Uric Acid Control Solutions?

- You think there is something wrong with the glucose or uric acid measurement you got and you want to check whether meter and test strips are working correctly.

Items You Need

- EasyTouch® Glucose control solution
- EasyTouch® Uric Acid control solution
- EasyTouch® GU Meter
- EasyTouch® Blood Glucose Test Strips
- EasyTouch® Blood Uric Acid Test Strips
- Glucose/ Uric Acid Code keys in the test strips box

Steps for Running a Glucose Control Check

CAUTION:

◎Always check the glucose code key number to make sure it matches the number labeled on the test strip vial when you run a glucose control test. Otherwise you may get incorrect results.

◎Always write down the opening date of your glucose control solution vial and test strip vial. Both of them are good for only **3 months** after first opening or until the expiration date, whichever comes first.

◎The result will be stored in memory and appear just like the blood glucose result.

1. Insert the code key come with the glucose test strips into the code key slot on the back of the meter.

2. Take one strip from the vial. Close the vial quickly.

3. Insert the test strip into the test strip slot on the meter. The meter will first display code number Glu 6005, then the blood symbol along with date Glu.

Cautions:
Make sure that the code number shown on the screen is the same as the code number printed on the glucose test strip vial, otherwise you may get incorrect measurement.

4. Hold the glucose control solution bottle upside down, slowly squeeze the bottle to form a small drop, discard the first drop of the solution, let the second drop touch the edge of the sample target area on the test strip. The control solution will be drawn into the target zone automatically.

5. You will hear a "Beep" sound. Close the cap of the control solution immediately. The meter start to count down 10 seconds then show your result on the screen.

6. Check if the displayed glucose value falls within the acceptable range shown on the test strip vial.

7. Remove the test strip from the meter and discard it.

Steps for Running a Uric Acid Control Check

CAUTION:

◎Always check the Uric Acid code key number to make sure it matches the number labeled on the test strip vial when you run a Uric Acid control test. Otherwise you may get incorrect results.

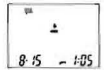
◎Always write down the opening date of your Uric Acid control solution vial and test strip vial. Both of them are good for only **2 months** after first opening or until the expiration date, whichever comes first.

◎The result will be stored in memory and appear just like the blood uric acid result.

1. Insert the uric acid code key into the code key slot on the back of the meter.
2. Take one strip from the vial. Close the vial quickly.
3. Insert the test strip into the test strip slot on the meter. The meter will first display code number

, then the blood symbol along with date

.



Cautions:
Make sure that the code number shown on the screen is the same as the code number printed on the Uric Acid test strip vial, otherwise you may get incorrect measurement.

4. Hold the Uric Acid control solution bottle upside down, slowly squeeze the bottle to form a small drop, discard the first drop of the solution, let the second drop touch the edge of the sample target area on the test strip. The control solution will be drawn into the target zone automatically.

5. You will hear a "Beep" sound. Close the cap of the control solution immediately. The meter start to count down 20 seconds then show your result on the screen.

6. Check if the displayed uric acid value falls within the acceptable range shown on the test strip vial.

7. Remove the test strip from the meter and discard it.

How to Read the Label on the Test Strip Vial?

Glucose
25 TEST STRIPS
For in Vitro Diagnostic Use Only IVD
Suitable for self-testing
3026
Lot No. GS050910A
Control(N): 76-114 mg/dL
Control(H): 226-340 mg/dL
Exp. Date: 2007/09
REF SG103-25
Code number of this lot of test strip
The measured glucose level using the control solutions should fall within the specified ranges.
Expiry date YYYY/MM
You should fill in the opening date here

(Example)

EasyTouch
Uric Acid
25 TEST STRIPS
For in Vitro Diagnostic Use Only IVD
Suitable for self-testing
8006
Lot No. US050928A
Control(N): 3-6 mg/dL
Control(H): 7.8-11.3 mg/dL
Exp. Date: 2007/09
REF SU101-25
Code number of this lot of test strip
The measured Uric Acid level using the control solutions should fall within the specified ranges.
Expiry date YYYY/MM
You should fill in the opening date here

(Example)

Analyzing Your Control Results

You will find the acceptable range of glucose and uric acid levels for the normal and high controls on the test strip vial label.
If your control results fall within the acceptable range, you can begin to test your blood glucose or uric acid levels.
If your control results are not within the acceptable range, check the following items:

- Are your glucose/ uric acid test strips or control solutions expired?
- Have you ever forgotten to close your glucose/ uric acid test strip vials or control solution bottles?
- Does the code in the meter match the code on the test strip vial?
- Do you follow all the operation instruction correctly?
- Repeat the control test with a new test strip, following the steps exactly.

CAUTION:
If you continue to receive control values that are outside of the accepted range, discontinue your blood testing and contact Customer Service or your healthcare provider immediately.

Blood Glucose/ Uric Acid Testing

Items You Need

- EasyTouch® GU Meter
- EasyTouch® Blood Glucose Test Strips
- EasyTouch® Blood Uric Acid Test Strips
- Glucose Code key (green color) in the glucose test strips box
- Uric Acid Code key (orange color) in the uric acid test strips box
- Puncturer
- Lancets
- Alcohol swab (not included)
- Log book

Preparing the Puncturer (Lancing Device)

NOTE:
To increase blood flow: warm fingers using warm water to wash hands, hang down arm.

CAUTIONS:

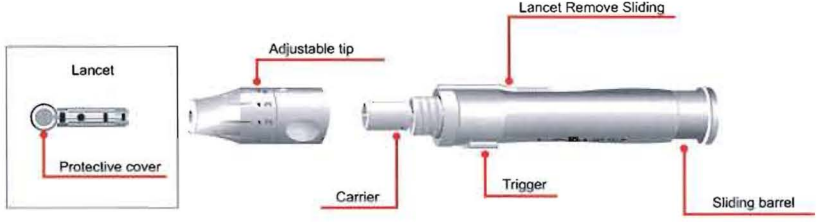
◎For safety and to prevent cross-contamination, always place the protective cover back before discarding the used lancets.

◎To avoid infection, you should-

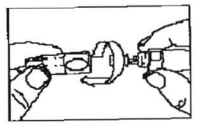
- Never reuse the lancets.
- Never share your puncturer with others.
- Use an alcohol pad to wipe off blood from puncturer's tip.

◎To avoid accidental injury, do not leave a lancet in the puncturer. Always remove the used lancet immediately after a test.

Structure of Puncturer and Lancet



Steps for Using the Puncturer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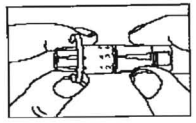
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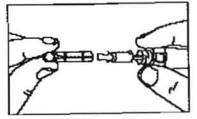
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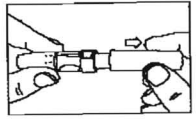
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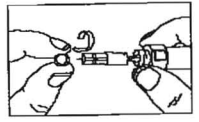
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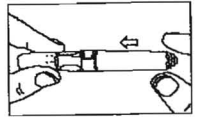

5-2

1. Unscrew and remove the puncturer's adjustable tip.
2. Insert a lancet into the carrier.
3. Twist off the protective cover.
4. Replace the adjustable tip tightly. Choose a desired skin penetration depth by rotating the top portion of the adjustable tip until the setting number lines up to the arrow. Settings are based on skin type:
   Depth 1~2: for soft or thin skin
   Depth 3: for average skin
   Depth 4~5: for thick or calloused skin
5. Hold the tip of the puncturer with one hand and pull the sliding barrel with the other hand. When a click is felt, the trigger rises up. Release the sliding barrel, it will move back to its original position.

Testing Your Blood Glucose Level

CAUTIONS:
You can only use EasyTouch® blood glucose test strips and check strip on EasyTouch® GU meter.

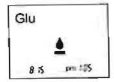
1. When you first time use the EasyTouch® GU meter or open a new test strip vial, insert the code key from the test strip vial. Each test strip vial contains one code key. Make sure the number on the code key matches the code number on the vial of test strips you use.

2. Take one strip from the vial. Close the vial quickly.

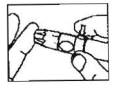
Caution:
The test strips can be damaged when they are not capped and stored properly.

3. Insert the test strip into the test strip slot on the meter. The meter will first display code number, then the blood symbol along with date.

4. When the screen shows blood symbol , clean your finger with alcohol swab. Let it dry completely.



5. Place the puncturer on your finger.



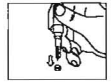
NOTE:
The best puncture site is on the side of fingertip, because it has the best blood supply.

6. Press the trigger on the puncturer.
7. Lift up the puncturer.
8. Get a drop of blood.
9. Put the drop of blood on the side of the test strip target area. The blood will be absorbed and cause the target area to turn red. The testing reaction starts when the meter beeps. The meter start to count down 10 seconds then show your result on the screen. The meter stores your result in its memory automatically.

NOTE:
How much blood should be applied?
Although only a small amount of blood is needed, it is very important that you put enough blood on your test strip so that the entire reaction zone is covered with blood. This ensures that your meter can give accurate and reliable results.

Caution:
If you don't apply enough blood,you might need to use a new test strip to do the test again.

10. In about 10 seconds, the screen will display measured glucose value. Record the glucose value in your log book.
11. Pull the test strip out of the meter. The meter will turn off by itself.
12. Unscrew the adjustable tip of the puncturer.
13. Put the protective cover of the lancet back on the lancet. Grip the puncturer holder firmly and pull the lancet out.



14. Discard the used lancet in an appropriate container with a lid.
15. Screw the adjustable tip back on the puncturer.

CAUTION:
To avoid accidental injury, do not leave used lancet in the puncturer. Always remove the used lancet immediately after each test.
Be sure to follow your local regulations for proper disposal of used test strips and lancets.

Understanding Your Blood Glucose Test Results

According to the suggestions of **American Diabetes Association:**

Normal fasting blood glucose is 70~100 mg/dL. (3.9~5.6 mmol/L)

However, the above range is just a reference, and it may not apply for every person.

Consult your doctor for the appropriate range for you.

Testing Your Blood Uric Acid Level

CAUTIONS:
You can only use EasyTouch® blood uric acid test strips and check strip on EasyTouch® GU meter.

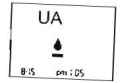
1. When you first time use the EasyTouch® GU meter or open a new test strip vial, insert the code key from the test strip vial. Each test strip vial contains one code key. Make sure the number on the code key matches the code number on the vial of test strips you use.

2. Take one strip from the vial. Close the vial quickly.

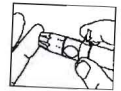
Caution:
The test strips can be damaged when they are not capped and stored properly.

3. Insert the test strip into the test strip slot on the meter. The meter will first display code number, then the blood symbol along with date.

4. When the screen shows blood symbol , clean your finger with alcohol swab. Let it dry completely.



5. Place the puncturer on your finger.



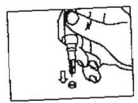
NOTE:
The best puncture site is on the side of fingertip, because it has the best blood supply.

6. Press the trigger on the puncturer.
7. Lift up the puncturer.
8. Get a drop of blood.
9. Put the drop of blood on the side of the test strip target area. The blood will be absorbed and cause the target area to turn red. The testing reaction starts when the meter beeps. The meter will start to count down 20 seconds then show your result on the screen. The meter stores your result in its memory automatically.

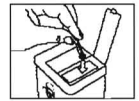
NOTE:
How much blood should be applied?
Although only a small amount of blood is needed, it is very important that you put enough blood on your test strip so that the entire reaction zone is covered with blood. This ensures that your meter can give accurate and reliable results.

Caution:
If you don't apply enough blood, you might need to use a new test strip to do the test again.

10. In about 20 seconds, the screen will display measured uric acid value. Record the uric acid value in your log book.
11. Pull the test strip out of the meter. The meter will turn off by itself.
12. Unscrew the adjustable tip of the puncturer.
13. Put the protective cover of the lancet back on the lancet. Grip the puncturer holder firmly and pull the lancet out.



14. Discard the used lancet in an appropriate container with a lid.
15. Screw the adjustable tip back on the puncturer.



CAUTION:
To avoid accidental injury, do not leave used lancet in the puncturer. Always remove the used lancet immediately after each test.
Be sure to follow your local regulations for proper disposal of used test strips and lancets.

Understanding Your Blood Uric Acid Test Results

The expected blood uric acid value is as following:
Male：3~7.2 mg/dL（179~428μmol/L）
Female：2~6 mg/dL（119~357μmol/L）

However, the above range is just a reference, and it may not apply for every person.

Consult your doctor for the appropriate range for you.

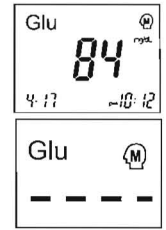
Using the Meter Memory

EasyTouch® GU Meter can automatically store 200 glucose and 100 uric acid most recent test results. You can review the test results in order from the newest to the oldest. If the memory is full, the oldest result is deleted as the newest result is added. The memory is not affected by replacing / removing the batteries.

Review the Stored Glucose Test Results

1. Please enter the glucose test mode first.
   Code key : insert the glucose code key (green color) and press "M" button.
   Test strip : insert the glucose test strip and pull it out right after the meter display the glucose code number.
   The meter is now in the glucose mode.
2. Pressing and releasing the "M" button, the 7-day average, 14-day average and 28-day average will be displayed on the screen in order.

3. After the 28-day average, the newest blood glucose test result with date will be displayed via pressing and releasing the "M" button.
4. The stored results with date are displayed in order from the most recent to the oldest via pressing and releasing the "M" button. The meter will turn off automatically in 3 seconds when the symbol "----" is displayed on the screen.
5. If you decide to stop checking the results, stop pressing the "M" button. The meter will turn off automatically in 30 seconds or via pressing "S" button.
6. No test can be performed when you are checking the stored results. If you wish to perform a new test, please turn off the meter first and restart the steps described in the section 【Blood Glucose/Uric Acid Testing】.



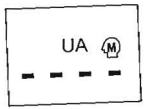
Deleting the Stored Memory of Blood Glucose Test Results

1. When the newest blood glucose test result is displayed, press "S" button for 3 seconds. The newest blood glucose test result is deleted as soon as you hear the "Beep" sound from the meter.

2. The stored results can be deleted in order from the most recent to the oldest via press "S" button for 3 seconds.
3. If you decide to stop deleting the results, stop pressing the "S" button. The meter can automatically turn off in 30 seconds or via pressing "S" button.

Review the Stored Uric Acid Test Results

1. Please enter the uric acid test mode first.
   Code key : insert the uric acid code key (orange color) and press "M" button.
   Test strip : insert the uric acid test strip and pull it out right after the meter display the uric acid code number.
   The meter is now in the uric acid mode.
2. The stored results with date are displayed in order from the most recent to the oldest via pressing and releasing the "M" button. The meter will turn off automatically in 3 seconds when the symbol "----" is displayed on the screen.



3. If you decide to stop checking the results, stop pressing the "M" button. The meter will turn off automatically in 30 seconds or via pressing "S" button.
4. No test can be performed when you are checking the stored results. If you wish to perform a new test, please turn off the meter first and restart the steps described in the section 【Blood Glucose/Uric Acid Testing】.

Deleting the Stored Memory of Blood Uric Acid Test Results

1. When the newest blood uric acid test result is displayed, press "S" button for 3 seconds. The newest blood uric acid test result is deleted as soon as you hear the "Beep" sound from the meter.
2. The stored results can be deleted in order from the most recent to the oldest via press "S" button for 3 seconds.
3. If you decide to stop deleting the results, stop pressing the "S" button. The meter can automatically turn off in 30 seconds or via pressing "S" button.

Taking Care of Your Meter

Maintaining the Meter

- Do not drop, hit or smash your meter.
- Keep your meter between 14°F and 140°F (-10°C and 60°C) and below 95% of relative humidity. Do not store meter in areas such as the kitchen, bathroom, laundry room or car.
- Keep the meter away from water.
- Do not use glass/household-cleaning solutions to clean the meter. Simply use an alcohol pad to wipe the surface of the meter, but do not wipe the test strip slot or code key slot.
- Do not disassemble the meter
- If you have any questions, please contact Customer Service or your healthcare provider.

The Battery Replacement

When the symbol"[+−]" is displayed on the screen, please replace batteries immediately.

1. Slide battery cover off from the back of the meter.
2. Remove old batteries and insert 2 new AAA size batteries (1.5V) into the battery compartment.
3. Slide battery cover back and turn on your meter

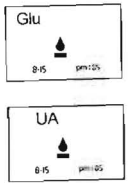
Cleaning the Meter

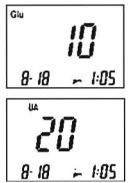
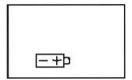
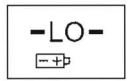
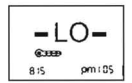
You can clean your meter with 70% isopropyl alcohol swab

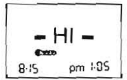
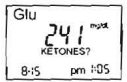
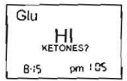
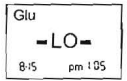
CAUTIONS:

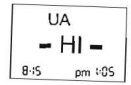
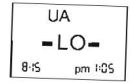
- Do Not spray any cleaning solution directly onto the meter.
- Do Not dampen the code key slot or the test strip slot.
- Do Not soak the meter in liquid.

Troubleshooting Guide

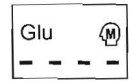
SYMBOL	WHAT IT MEANS	ACTION
	This is the code number stored in the meter.	Make sure that this code number matches the code number on the vial of the test strips you are using.
	The system is ready to measure your glucose/uric acid level.	You may now apply the blood sample.

SYMBOL	WHAT IT MEANS	ACTION
	The meter starts to count down then show your result on the screen (10 seconds for glucose; 20 seconds for uric acid after the beep sound).	No action required.
	The battery power is low.	Replace new batteries.
	"LO" flashes 5 times before the meter turning off automatically. The batteries are dead.	Replace new batteries.
	The environmental temperature is too low to perform a test. "LO" flashes 5 times, then the meter turns off automatically.	Repeat the test in a warm place about 57.2°F~104°F (14°C~40° C). You may need to wait as long as 20 minutes for the meter to warm up before testing again.

SYMBOL	WHAT IT MEANS	ACTION
 (Example)	The environmental temperature is too high to perform a test. "HI" flashes 5 times, then the meter turns off automatically.	Repeat the test in a cool place about 57.2°F~104°F (14°C~40°C). You may need to wait as long as 20 minutes for the meter to cool down before testing again.
	If the test result is over 240 mg/dL, the blood glucose test result with a suggestion to check your ketone levels.	Re-check your blood glucose level. Follow the instructions of your healthcare professional regarding ketone testing.
	Your blood glucose level is higher than 600 mg/dL (33.3 mmol/L). The blood glucose test result with a suggestion to check your ketone levels.	Re-check your blood glucose level. If "HI" is displayed again, call your doctor immediately.
	Your blood glucose level is lower than 20 mg/dL (1.1mmol/L).	Re-check your blood glucose level. If "LO" is displayed again, call your doctor immediately.

SYMBOL	WHAT IT MEANS	ACTION
	Your blood uric acid level is higher than 20 mg/dL (1190µmol/L).	Re-check your blood uric acid level. If "HI" is displayed again call your doctor immediately.
	Your blood uric acid level is lower than 3 mg/dL (179µmol/L).	Re-check your blood uric acid level. If "LO" is displayed again call your doctor immediately.
	Operating procedure is incorrect. The test strip has been used, or the meter is not performing correctly.	Repeat the test with a new test strip. If the symbol is displayed again, contact Customer Service.
	Average of the last 7 days (014 means that 14 tests were performed within the period)	No action required.

SYMBOL	WHAT IT MEANS	ACTION
	Average of the last 14 days (028 means that 28 tests were performed within the period)	No action required.
	Average of the last 28 days (056 means that 56 tests were performed within the period)	No action required.
 	A blood glucose/ uric acid test result is stored in the memory.	No action required.

SYMBOL	WHAT IT MEANS	ACTION
	The oldest glucose test result stored in memory appears. The meter will be turned off automatically after 3 seconds.	No action required.
	The oldest uric acid test result stored in memory appears. The meter will be turned off automatically after 3 seconds.	No action required.
	1. Using a wrong test strip. 2. New meter hasn't been code.	1. Please use EasyTouch®II blood glucose/uric acid test strip. 2. Insert the code key.
	The code key is damaged.	**Contact Customer Service.**

Specifications

EasyTouch® GU Dual-Function Monitoring System Model: **ET-201**

Model: ET-201	**Glucose**	**Uric acid**
Measuring Range	20 ~ 600 mg/dL (1.1 ~ 33.3mmol/L)	3 ~ 20 mg/dL (179~1190μmol/L)
Calibration	Plasma equivalent	
Test Time	10 second	20 seconds
Memory Capacity	200 test results	100 test results
Operating Condition Temperature Humidity	57.2~104˚F (14 ~ 40˚C) ≦ 85% Relative Humidity	
Meter Storage Condition (Transportation Condition) Temperature Humidity	14 ~140˚F (-10 ~ 60˚C) ≦ 95% Relative Humidity	
Sample Volume	≧ 4 μl	≧ 4 μl
Sample Type	Capillary whole blood	
Hematocrits Range	30 ~ 55%	
Power Supply	1.5V (AAA) x 2	

Specifications (cont.)

Meter Dimension HxWxD (mm)	88 x 64 x 22
Display	LCD display (35 x 45 mm)
Weight	59 grams, without Batteries
Life of Battery	More than 1000 times
Technology Used	Electrode-based Biosensor

* The **EasyTouch® GU** Meter has been safety and EMC tested and approved according to the requirement of EN 61010-1/EN 61010-2-101/EN 60601-1-2/EN 61326.

Customer Services

Thank you for choosing the **EasyTouch® GU** Blood Glucose/ Uric Acid Dual-Function Monitoring System. Bioptik Technology Inc. is honored to present this new product to you. Our customer services include:

(1) Our customers are entitled to free repair and replacement of spare parts. If you have problems with the product, please contact local distributor/ agent for further information. However the following damages resulted from improper use or accidents are excluded (such as smash, moisture, unauthorized repair, disassemble, and natural catastrophes).

(2) Bioptik Technology, Inc. is not responsible for any accidents and worsening illness resulted from buyers'/ users' improper use of device without the instructions of professionals (e.g. medical personnel). Consumers may not request for compensation in this regard.

(3) Please read this manual thoroughly before using this monitoring system. If you have any questions, please contact local distributor.

(4) **For EU Customer Service:** please contact local distributor or EU representative telephone: +49-6894-581020.

(5) **For U.S. Customer Service (Toll Free):**1-800-611-4219, Mon- Fri, 9:00AM to 5:00PM EST.

Labeling and Information

Do not reuse

Temperature limitation

Manufacturer

Caution, consult accompanying documents

LOT Batch code

SN Serial number

IVD In vitro diagnostic device

Keep dey

Consult instruction for use

Keep away from sunlight

Used by

EC REP Authorised representative in the European Community

REF Catalogue number

CONTROL Control

STERILE R Sterilized using irradiation

Guidance and manufacturer's declaration – electromagnetic emissions		
This device is intended for use in the electromagnetic environment specified below. The customer or the user of this device should assure that it is used in such an environment.		
Emissions test	**Compliance**	**Electromagnetic environment – guidance**
RF emissions CISPR 11	Groupl 1	This device uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR 11	Glass B	This device is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic emissions IEC 61000-3-2	Not applicable	
Voltage fluctuations/ flicker emissions IEC 61000-3-3	Not applicable	

Guidance and manufacturer's declaration – electromagnetic immunity			
This device is intended for use in the electromagnetic environment specified below. The customer or the user of this device should assure that it is used in such an environment.			
Immunity test	**IEC 60601 test level**	**Compliance level**	**Electromagnetic environment – guidance**
Electrostatic discharge (ESD) IEC 61000-4-2	±6 kV contact ±8 kV air	±6 kV contact ±8 kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30 %.
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	3 A/m	3 A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.
NOTE *UT* is the a.c. mains voltage prior to application of the test level.			

Guidance and manufacturer's declaration – electromagnetic immunity			
This device is intended for use in the electromagnetic environment specified below. The customer or the user of this device should assure that it is used in such an environment.			
Immunity test	**IEC 60601 test level**		**Electromagnetic environment – guidance**
Radiated RF IEC 61000-4-3	3 V/m 80 MHz to 2,5 GHz	V/m	Portable and mobile RF communications equipment should be used no closer to any part of this device, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. **Recommended separation distance** $d = 1{,}2\sqrt{P}$ 80 MHz to 800 MHz $d = 1{,}2\sqrt{P}$ 800 MHz to 2,5 GHz where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in metres (m). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey,a should be less than the compliance level in each frequency range.b Interference may occur in the vicinity of equipment marked with the following symbol:

NOTE 1 At 80 MHz and 800 MHz, the higher frequency range applies.
NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

a Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which this device is used exceeds the applicable RF compliance level above, this device should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating this device.

b Over the frequency range 150 kHz to 80 MHz, field strengths should be less than V/m.

Recommended separation distances between portable and mobile RF communications equipment and this device

This device is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of this device can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and this device as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output power of transmitter W	Separation distance according to frequency of transmitter m		
	150 kHz to 80 MHz $d = 1,2\sqrt{P}$	80 MHz to 800 MHz $d = 1,2\sqrt{P}$	800 MHz to 2,5 GHz $d = 2,3\sqrt{P}$
0,01	0,12	0,12	0,23
0,1	0,38	0,38	0,73
1	1,2	1,2	2,3
10	3,8	3,8	7,3
100	12	12	23

Lancet (Included in the package)

Specification: Sterile, 30G
Manufacturer: Sterilance Medical (Suzhou) Inc.
Address: No. 68 Litanghe Road, Xiangcheng, Suzhou, Jiangsu 215133, P. R. China

CE 0197 STERILE R

EC REP EMERGO EUROPE
Molenstraat 15, 2513 BH, The Hague, The Netherlands

Lancing Device (Included in the package)

Manufacturer: Global Medical Market Corp.
Address: Room No. 1112, Ace Tower 9th Bldg., 345-30, Kasan-Dong, Kumchon-Ku, Seoul, Korea

EC REP GMMC S.L.
C/Jordi de S.Jordi 13, 6-23,46022 Valencia,spain

CE